

TEXAS DEPARTMENT OF INSURANCE

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Proposed Change to Windstorm Building Requirements or Procedures in the Texas Windstorm Insurance Association Plan of Operation

Name: Joseph R. Hetzel, P.E., Technical Director _____ Date: May 23, 2006 _____
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**Please complete the following for each proposed change:
(A separate form must be submitted for each proposed change.)**

1. Proposed change to the following building requirement or procedure:

Garage door glazed opening protection

2. Proposed change is to:

Document: Texas Residential Code
Section: R301.2.1.2
Table _____
Figure _____
Appendix _____

3. Please use the following format to present the proposed change:

LINE THROUGH LANGUAGE TO BE DELETED UNDERLINE NEW LANGUAGE TO BE ADDED

4. Proposed Change. Please specify change. Attach additional sheets if needed.

a. Change Section R301.2.1.2 to read:

R301.2.1.2 Protection of Openings. Windows in buildings located in wind-borne debris regions shall have glazed openings protected from wind-borne debris. Glazed opening protection for wind-borne debris shall meet the requirements of the Large Missile Test of an approved impact resisting standard or ASTM E 1996 and ASTM E 1886 referenced therein. Garage door glazed opening protection for wind-borne debris shall meet the requirements of an approved impact resisting standard or ANSI/DASMA 115.

Exception: Wood structural panels...(remainder of Section unchanged)

b. Add to Chapter 43, Referenced Standards as follows:

ANSI/DASMA 115-2003, Standard Method for Testing Sectional Garage Doors: Determination of Structural Performance Under Missile Impact and Cyclic Wind Pressure.....R301.2.1.2

For Texas Department of Insurance use only:

Item Number: _____
BCAC Form 100-99 Amended January 1, 2005

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5. Reason for Change. Please state purpose and reason for change. Attach additional sheets if needed.

The purpose of this proposed code change is to reference an ANSI standard published specifically for the windborne debris resistance testing of garage doors. ANSI/DASMA 115 should be the primary standard referenced for this purpose. Other standards exist that could be deemed "approved impact resisting standards", including ASTM E 1886 / ASTM E 1996 and TAS 201 / TAS 203. It should be noted that ASTM E 1886 and ASTM E 1996 require interpretation regarding their use with garage doors. ASTM E6.51.17 (impact resistance task group) has not developed specific references to garage doors in those standards because of their awareness of the existence of, and industry use of, ANSI/DASMA 115.

6. Attach supporting written or printed information, including, but not limited to, test data, structural calculations, and/or documentation that the proposed change complies with the minimum wind load criteria and design standards specified in the building requirements adopted by the Texas Department of Insurance. Attach supporting written or printed information relating to the proposed changes to the building requirements or procedures contained in the Texas Windstorm Insurance Association Plan of Operation.

Pursuant to Article 21.49, §6C of the Insurance Code, this proposal form must be complete and submitted to the address specified above not later than the 30th day before the date of a scheduled advisory committee meeting for the proposal to be considered at that meeting.

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